


 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DEN03LA005		Aircraft Registration Number: N7672K	
		Occurrence Date: 10/09/2002		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Watkins	State CO	Zip Code 80137	Local Time 1300	Time Zone MDT	
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Piper		Model/Series PA-20		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On October 9, 2002, at 1300 mountain daylight time, a Piper PA-20, N7672K, was substantially damaged during a ground loop while landing at Front Range Airport, Watkins, Colorado. The commercial pilot and his passenger were not injured. The pilot was operating the airplane under Title 14 CFR Part 91. Visual meteorological conditions prevailed for the personal cross-country flight that originated from Sylvia, Kansas, approximately 2 hours 30 minutes before the accident. No flight plan had been filed.</p> <p>The assistant airport manager said the airplane was landing on runway 8. He said the airplane ground looped and exited the south side of the runway.</p> <p>According to his accident report, the pilot said the left brake was "not there" on landing roll, and the right brake grabbed. He said a leakage of the left brake line was discovered upon examination of the airplane which resulted in the failure of the left brake.</p> <p>The outboard 8 feet of the left wing was bent upward, and the tip of the left elevator was bent.</p>					
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Landing Facility/Approach Information					
Airport Name FRONT RANGE	Airport ID: FTG	Airport Elevation 5512 Ft. MSL	Runway Used 08	Runway Length 8000	Runway Width 100
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach: NONE					
VFR Approach/Landing: Unknown					
Aircraft Information					
Aircraft Manufacturer Piper		Model/Series PA-20		Serial Number 20-493	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Tailwheel					
Homebuilt Aircraft? No	Number of Seats: 4	Certified Max Gross Wt. 2000 LBS	Number of Engines: 1		
Engine Type: Reciprocating	Engine Manufacturer: Lycoming	Model/Series: O-360 A4A	Rated Power: 180 HP		
- Aircraft Inspection Information					
Type of Last Inspection Annual	Date of Last Inspection 06/2002	Time Since Last Inspection 30 Hours	Airframe Total Time 4041 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? No	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner Robert K. Vasey		Street Address P.O. Box 157			
		City Sylvia	State KS	Zip Code 67581	
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					
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First Pilot Information																																																																																						
Name On File			City On File		State On File	Date of Birth On File	Age 70																																																																															
Sex: M	Seat Occupied: Left		Principal Profession: Unknown			Certificate Number: On File																																																																																
Certificate(s): Commercial																																																																																						
Airplane Rating(s): Multi-engine Land; Single-engine Land; Single-engine Sea																																																																																						
Rotorcraft/Glider/LTA:																																																																																						
Instrument Rating(s): Airplane																																																																																						
Instructor Rating(s): None																																																																																						
Type Rating/Endorsement for Accident/Incident Aircraft? No					Current Biennial Flight Review? 11/2001																																																																																	
Medical Cert.: Class 2		Medical Cert. Status: Valid Medical--w/ waivers/lim.			Date of Last Medical Exam: 04/2002																																																																																	
<table border="1"> <thead> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> </thead> <tbody> <tr> <td>Total Time</td> <td>8560</td> <td>2520</td> <td>8490</td> <td>65</td> <td>465</td> <td>56</td> <td>40</td> <td>1</td> <td>3</td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>8350</td> <td>2520</td> <td></td> <td>59</td> <td>465</td> <td>53</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>39</td> <td>30</td> <td>39</td> <td>3</td> <td></td> <td>9</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>20</td> <td>20</td> <td>20</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>2</td> <td>2</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	8560	2520	8490	65	465	56	40	1	3		Pilot In Command(PIC)	8350	2520		59	465	53					Instructor											Last 90 Days	39	30	39	3		9					Last 30 Days	20	20	20		1						Last 24 Hours	2	2	2							
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Seatbelt Used? Yes		Shoulder Harness Used? No			Toxicology Performed? No		Second Pilot?																																																																															
Flight Plan/Itinerary																																																																																						
Type of Flight Plan Filed: None																																																																																						
Departure Point		State		Airport Identifier		Departure Time		Time Zone																																																																														
STAFFORD		KS		3TA		1030		MDT																																																																														
Destination		State		Airport Identifier																																																																																		
Watkins		CO		FTG																																																																																		
Type of Clearance: Unknown																																																																																						
Type of Airspace: Class E																																																																																						
Weather Information																																																																																						
Source of Briefing: Unknown																																																																																						
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Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
DEN	1453	MDT	5431 Ft. MSL	8 NM	295 Deg. Mag.
Sky/Lowest Cloud Condition: Few			7500 Ft. AGL		Condition of Light: Day
Lowest Ceiling: None			Ft. AGL	Visibility: 10 SM	Altimeter: 30.00 "Hg
Temperature: 23 °C		Dew Point: -4 °C	Wind Direction: Variable		Density Altitude: 7683 Ft.
Wind Speed: 4		Gusts:	Weather Conditions at Accident Site: Visual Conditions		
Visibility (RVR): Ft.		Visibility (RVV) SM	Intensity of Precipitation:		
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information					
Aircraft Damage: Substantial		Aircraft Fire: None		Aircraft Explosion: None	
Classification: U.S. Registered/U.S. Soil					

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	
First Pilot				1	1	
Second Pilot						
Student Pilot						
Flight Instructor						
Check Pilot						
Flight Engineer						
Cabin Attendants						
Other Crew						
Passengers				1	1	
- TOTAL ABOARD -				2	2	
Other Ground						
- GRAND TOTAL -				2	2	

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Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

James F. Struhsaker

Additional Persons Participating in This Accident/Incident Investigation:

John D Stevenson
Denver Flight Standards District Office
Denver, CO 80249